

पत्रांक 1051 पटना / दिनांक 19.3.25

प्रेषक,

शोध पदाधिकारी
(वरीय अनुसंधान पदाधिकारी)
राज्य स्तरीय जल जाँच प्रयोगशाला,
छज्जुबाग, पटना।

सेवा में,

Principal,
Christ Church Diocesan School
Khagaul Hospital Road,
Khagaul, Patna – 801105

विषय :- जल जाँच प्रतिवेदन निर्गत करने के संबंध में।

प्रसंग :- आपका पत्रांक – CCDSK/07032025/1, दिनांक – 07.03.2025

महाशय,

उपरोक्त प्रासंगिक पत्र के आलोक में कुल 01 अदद जल नमूना का सभी पारामीटर जाँच हेतु राज्य स्तरीय जल जाँच प्रयोगशाला द्वारा जल संग्रह किया गया था। जिसके आलोक में जल जाँच कर जाँचोपरांत जाँच प्रतिवेदन इस पत्र के साथ संलग्न कर आवश्यक कार्रवाई हेतु भेजी जा रही है।

अनु० :- यथोपरि।

विश्वासभाजन

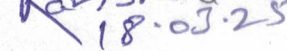


शोध पदाधिकारी

(वरीय अनुसंधान पदाधिकारी)

राज्य स्तरीय जल जाँच प्रयोगशाला,

छज्जुबाग, पटना।





STATE LEVEL WATER TESTING LABORATORY
P.H.E.D., GOVERNMENT OF BIHAR

Format No.: SLWTL/FRM/02

Issue No.: 69

TEST REPORT

Issue Date: 18.03.2025

Report No: SLWTL/2025/GW-3310	Date of Reporting: 18.03.2025
Name of the Organisation/Person: Christ Church Diocesan School	
Location Details: Khagaul Hospital Road, Khagaul, Patna – 801105	
Ref Memo No: CCDSK/07032025/1, Dated – 07.03.2025	Sample Received on: 07.03.2025
Sample Collected by SLWTL (SLWTL collect sample followed by the Sampling Procedure "SLWTL/PCD/02/15"): Yes	
Type of Sample: Ground Water	Source of Sample: R.O Water
Volume of Sample: 1Ltr.	Type of Container: Plastic
Mode of Preservation: Preserved	Sample Condition: Sealed
Deviation of Method, If Any: NIL	Date of Sampling: 07.03.2025
Date of Analysis Started: 17.03.2025	Date of Analysis Completed: 18.03.2025

Remarks: Submitted sample of water confirm to IS:10500-2012 with respect to tested parameters.

Sl. No.	Parameters	Minimum Detection Limit	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters	Results
1	pH Value	2.0	6.5-8.5	No relaxation	4500-H*B, APHA 24 th Ed. 2023	7.50
2	Turbidity, NTU	1.0	1	5	2130 B, APHA 24 th Ed. 2023	<1.0
3	Conductivity, μ mhos/cm	5.0	-	-	2510 B, APHA 24 th Ed. 2023	688.00
4	Total Dissolved Solid, mg/l	10.0	500	2000	2540 C, APHA 24 th Ed. 2023	446.00
5	Total Hardness (as CaCO ₃), mg/l	10.0	200	600	2340 C, APHA 24 th Ed. 2023	296.00
6	Calcium (as Ca), mg/l	5.0	75	200	3500-Ca B, APHA 24 th Ed. 2023	62.52
7	Magnesium (as Mg), mg/l	2.0	30	100	3500-Mg B, APHA 24 th Ed. 2023	34.02
8	Chloride (as Cl), mg/l	5.0	250	1000	4500-Cl B, APHA 24 th Ed. 2023	31.98
9	Alkalinity (as CaCO ₃), mg/l	10.0	200	600	2320 B, APHA 24 th Ed. 2023	350.00
10	Iron (as Fe), mg/l	0.01	1.0	No relaxation	3500-Fe B, APHA 24 th Ed. 2023	0.72
11	Nitrate (as NO ₃), mg/l	0.5	45	No relaxation	4500-NO ₃ B, APHA 24 th Ed. 2023	4.25
12	Sulphate (as SO ₄), mg/l	5.0	200	400	4500-SO ₄ ²⁻ E, APHA 24 th Ed. 2023	14.70
13	Fluoride (as F), mg/l	0.2	1.0	1.5	4500-F C, APHA 24 th Ed. 2023	0.24
14	Arsenic (as As), mg/l	0.010	0.01	No relaxation	3500-As B, APHA 24 th Ed. 2023	<0.010

Note: * (i) Drinking Water Specification Second Revision -IS: 10500:2012.,ND=Not Done, NR=Not Required.

Ravi Shankar
18.03.25
(Ravi Shankar)

Signature of Lab-In-charge

Lab-in-charge
SLWTL PHED, Patna

Copy forwarded to: (i) S.R.O, PHED, Govt. of Bihar, (ii) Engineer-in-Chief, PHED, Govt. of Bihar

Received By

1. The results are reported based on the materials received. 2. Sample will be destroyed after 15 Days from the date of issue of the test report subject to nature of preparation unless otherwise specified. 3. Sample will be preserved according to standard method. The test report shall not be reproduced except in full, without the written permission of the competent authority of the Laboratory.

----- END OF TEST REPORT -----

Prepared by: <i>Agarwala</i> Quality Manager	Approved by: <i>Franklin</i> S.R.O cum Technical Manager	Issued by: <i>Ravi Shankar</i> Research Assistant cum Lab-in-charge	Page 1 of 2 Revision No.: 0 Revision Date: Nil
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